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Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

1. (previously presented) A network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said device comprising:

scanner means for scanning a document and outputting document image information;
input means for operator input of information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for designating one address among said plurality of addresses to which the document image information is to be transmitted; and
address information registering means for registering the plurality of address information respectively corresponding to said plurality of communication modes, input by the operator through said input means, for each destination,

wherein an operator uses said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

2. (original) The network facsimile device as defined in claim 1, further comprising display means,

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wherein, when said input means is repeatedly operated at the time of designating the address, a plurality of address information registered are changed over and viewed on said display means in order.

3. (original) The network facsimile device as defined in claim 1,
wherein each of the plurality of address information registered by said address information registering means can be set with a transmission priority order indicating an order in which communication modes are to be used for transmitting the designated image information to the designated destination.

4. (original) The network facsimile device as defined in claim 3,
wherein, when same key is repeatedly operated at the time of selecting the address, plural address information registered on said key are changed over and selected in accordance with said transmission priority order.

5. (original) The network facsimile device as defined in claim 1,
wherein said input means comprises one-touch dial means for enabling a large number of addresses to be registered and for designating the one address by operating the one touch dial means.

6. (original) The network facsimile device as defined in claim 2,
wherein said input means comprises one-touch dial means for enabling a large number of addresses to be registered and to designating the one address by operating the one-touch dial

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means.

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7. (original) The network facsimile device as defined in claim 3,
wherein said input means comprises one-touch dial means for enabling a large number of
addresses to be registered and for designating the one address by operating the one-touch dial
means.

8. (original) The network facsimile device as defined in claim 4,
wherein said input means comprises one-touch dial means for enabling a large number of
addresses to be registered and for designating the one address by operating the one-touch dial
means.

9. (previously presented) A network facsimile device for communicating in at least one
of a plurality of communication modes for transmitting designated image information to a
designated destination, said device comprising:

scanner means for scanning a document and outputting document image information;
Internet image information communicating means for performing communication of the
image information through the Internet; and

public network image information communicating means for performing communication
of the image information through a public network, wherein said Internet image information
communicating means and said public network image information communicating means
communicate information to a plurality of designated destinations;

input means for inputting information identifying a plurality of destination addresses,

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including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for designating one address among said plurality of addresses to which the document image information is to be transmitted; and

address information registering means for registering a plurality of address information respectively corresponding to said Internet image information communicating means and public network image information communicating means, for each designated destination,

wherein an operator uses said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

10. (previously presented) A network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said device comprising:

scanner means for scanning a document and outputting document image information; electronic-mail type Internet image information communicating means for performing communication of the image information through the Internet by use of electronic mail;

real-time type Internet image information communicating means for performing communication of the image information through said Internet in real time; and

public network image information communicating means for performing communication of the image information through a public network,

wherein any one of said electronic-mail type Internet image information communicating

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means, said real-time type Internet image information communicating means, and said public network image information communicating means communicates information to a plurality of designated destinations; and

input means for inputting information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for designating one address among said plurality of addresses to which the document image information is to be transmitted; and

address information registering means for registering a plurality of address information respectively corresponding to said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communicating means, for each designated destination,

wherein an operator uses said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

11. (original) The network facsimile device as defined in claim 10, wherein said plurality of registered address information include an e-mail address for use by said electronic-mail type Internet image information communicating means, an IP address for use by said real-time type Internet image information communicating means, and a telephone number for use by said public network image information communicating means.

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12. (original) The network facsimile device as defined in claim 9, further comprising display means, wherein, when said input means is repeatedly operated at the time of designating the address, said plurality of registered addresses are displayed, in order.

13. (original) The network facsimile device as defined in claim 10, further comprising display means, wherein, when said input means is repeatedly operated at the time of designating the address, said plurality of registered addresses are displayed in order.

14. (original) The network facsimile device as defined in claim 11, further comprising display means, wherein, when said input means is repeatedly operated at the time of designating the address, said plurality of registered addresses are displayed in order.

15. (original) The network facsimile device as defined in claim 9, wherein each of the plurality of address information registered by said address information registering means can be set with a transmission priority order indicating an order in which communication modes are to be used for transmitting the designated image information to the designated destination.

16. (original) The network facsimile device as defined in claim 10,

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wherein each of the plurality of address information registered by said address information registering means can set the transmission priority order indicating an order in which communication modes are to be used for transmitting the designated image information to the designated destination.

17. (original) The network facsimile device as defined in claim 11, wherein each of the plurality of address information registered by said address information registering means can set the transmission priority order in which communication modes are to be used for transmitting the designated image information to the designated destination.

18. (previously presented) The network facsimile device as defined in claim 9, wherein same key is repeatedly operated at the time of selecting the address, said dialing means changes over and selects, in order, said plural addresses information registered in said key.

19. (previously presented) The network facsimile device as defined in claim 10, wherein same key is repeatedly operated at the time of selecting the address, said dialing means changes over and selects, in order, said plural addresses information registered in said key.

20. (original) The network facsimile device as defined in claim 11, wherein, same key is repeatedly operated at the time of selecting the address, said dialing means changes over and selects, in order, said plural addresses information registered in said key.

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21. (currently amended) The network facsimile device as defined in either any one of claims 9 through 20,

wherein said input means comprises one-touch dialing means enabling a large number of addresses to be registered and allowing a particular address to be designated by performing an operation using one key.

22. (previously presented) A network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said device comprising:

scanner means for scanning a document and outputting document image information; electronic-mail type Internet image information communicating means for performing communication of the image information through the Internet by use of electronic mail;

real-time type Internet image information communicating means for performing communication of the image information through said Internet in real time; and

public network image information communicating means for performing communication of the image information through the public network,

wherein any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communication means communicates information to a plurality of designated destinations;

input means for inputting information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to

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said plurality of communication modes, and for designating one address among said plurality of addresses to which the document image information is to be transmitted,

wherein a mail address for use by said electronic-mail type Internet image information communicating means, an IP address for use by said real-time type Internet image information communicating means, and a telephone number for use by said public network image information communicating means are respectively registered, for each designated destination,

wherein an operator uses said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode, and

wherein, when said input means is repeatedly operated at the time of designating the address, a plurality of address information are changed over and presented in order.

23. (previously presented) A network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said device comprising:

scanner means for scanning a document and outputting document image information; electronic-mail type Internet image information communicating means for performing communication of the image information through an Internet by use of an electronic mail; real-time type Internet image information communicating means for performing communication of the image information through said Internet in real time; public network image information communicating means for performing communication

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of the image information through a public network,

wherein any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communicating means communicates information to a plurality of designated destinations;

input means for inputting information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for designating one address among said plurality of addresses to which the document image information is to be transmitted;

wherein a mail address for use by said electronic-mail type Internet image information communicating means, an IP address for use by said real-time type Internet image information communicating means, and a telephone number for use by said public network image information communicating means are respectively registered, for each designated destination,

wherein respective transmission priority orders are registered for each of said mail address, said IP address, and said telephone number,

wherein any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communication means, and said public network image information communicating means is selected in accordance with the transmission priority order respectively registered with said mail address, said IP address, and said telephone number, for image information transmission to the address selected by operation of said input means, and

wherein an operator uses said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for

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communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

24. (previously presented) A network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said device comprising:

scanner means for scanning a document and outputting document image information; electronic-mail type Internet image information communicating means for performing communication of the image information through the Internet by use of an electronic mail; real-time type Internet image information communicating means for performing communication of the image information through said Internet in real time; and public network image information communicating means for performing communication of the image information through a public network,

wherein any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communicating means communicates information to a plurality of designated destinations;

input means for inputting information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for designating one address among said plurality of addresses to which the document image information is to be transmitted;

wherein a mail address for use by said electronic-mail type Internet image information

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communicating means, an IP address for use by to said real-time type Internet image information communicating means, and a telephone number for use by said public network image information communicating means are respectively registered, for each designated destination, wherein respective transmission priority orders are registered for each of said mail address, said IP address, and said telephone number,

wherein, when said input means is repeatedly operated at the time of selecting the address, a plurality of address information are changed over and presented in order in accordance with the transmission priority order respectively registered for each said mail address, said IP address, and said telephone number, and

wherein an operator uses said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

25. (original) The network facsimile device as defined in claim 14, 15, 22, 23 or 24, wherein said input means comprises one-touch dialing means enabling a large number of addresses to be registered.

26. (previously presented) A method for controlling a network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said method comprising the steps of: providing, in said network facsimile device, (i) electronic-mail type Internet image

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information communicating means for performing communication of image information through an Internet by use of an electronic mail, (ii) real-time type Internet image information communicating means for performing communication of image information through said Internet in real time, (iii) public network image information communicating means for performing communication of image information through a public network, (iv) scanner means for scanning a document and providing document image information based on the scanned document, and (v) input means for an operator to select any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communication means to transmit the document image information to a designated address, for the operator to input information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for the operator to designate one address among said plurality of addresses to which the document image information is to be transmitted;

respectively registering a mail address for use by said electronic-mail type Internet image information communicating means, an IP address for use by said real-time type Internet image information communicating means, and a telephone number for use by said public network image information communicating means; and

allowing an operator to use said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information, obtained from scanning of said document by said scanning means, be transmitted to the corresponding address of the designated destination

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through the selected communication mode.

27. (previously presented) A method for controlling a network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said method comprising the steps of:

providing, in said network facsimile device, (i) electronic-mail type Internet image information communicating means for performing communication of image information through an Internet by use of an electronic mail, (ii) real-time type Internet image information communicating means for performing communication of image information through said Internet in real time, (iii) public network image information communicating means for performing communication of image information through a public network, (iv) scanner means for scanning a document and providing document image information based on the scanned document, and (v) input means for an operator to select any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communication means to transmit designated image information to said designated address, for the operator to input information identifying a plurality of destination addresses, including for each destination a plurality of address information respectively corresponding to said plurality of communication modes, and for the operator to designate one address among said plurality of addresses to which the document image information is to be transmitted;

respectively registering a mail address corresponding to said electronic-mail type Internet image information communicating means, an IP address corresponding to said real-time type Internet image information communicating means, and a telephone number corresponding to said

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public network image information communicating means, for one address input through said dialing means;

registering respective transmission priority orders in said mail address, said IP address, and said telephone number; and

registering any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communication means, and said public network image information communicating means in accordance with the transmission priority order respectively registered in said mail address, said IP address, and said telephone number, for the image information transmission to the address selected by the key operation of said dialing means,

allowing an operator to use said input means to (i) designate one of the plurality of destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

28. (previously presented) A method of controlling a network facsimile device for communicating in at least one of a plurality of communication modes for transmitting designated image information to a designated destination, said method comprising the steps of:

providing, in said network facsimile device, (i) electronic-mail type Internet image information communicating means for performing communication of image information through an Internet by use of an electronic mail, (ii) real-time type Internet image information communicating means for performing communication of image information through said Internet

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in real time, (iii) public network image information communicating means for performing communication of image information through a public network, (iv) scanner means for scanning a document and providing document image information based on the scanned document, and (v) input means for an operator to select any one of said electronic-mail type Internet image information communicating means, said real-time type Internet image information communicating means, and said public network image information communication means to transmit designated image information to said designated address, and for enabling the operations of registering a large number of addresses and designating one address among said addresses by operating keys;

respectively registering a mail address corresponding to said electronic-mail type Internet image information communicating means, an IP address corresponding to said real-time type Internet image information communicating means, and a telephone number corresponding to said public network image information communicating means for one address of said dialing means;

changing over and selecting, in order, said plural addresses information registered in said key by use of said dialing means, when said same key is repeatedly operated at the time of selecting the address;

registering respective transmission priority orders in said mail address, said IP address, and said telephone number; and

changing over and selecting said plural addresses information by use of said dialing means, in accordance with the transmission priority order respectively registered in said mail address, said IP address, and said telephone number, when the same key is repeatedly operated at the time of selecting the address,

allowing an operator to use said input means to (i) designate one of the plurality of

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destinations, (ii) select any one of said plurality of communication modes available for communicating through said network facsimile device with the designated destination, and (iii) then request that the image information be transmitted to the corresponding address of the designated destination through the selected communication mode.

29. (original) The network facsimile method as defined in claim 28, wherein said dialing means is one-touch dialing means enabling to register a large number of addresses.

30. (previously presented) The network facsimile method as defined in claim 27, wherein said dialing means is one-touch dialing means enabling to register a large number of addresses.

31. (previously presented) The network facsimile method as defined in claim 26, wherein said dialing means is one-touch dialing means enabling to register a large number of addresses.

32. (previously presented) The network facsimile device of claim 1, wherein the operator uses said input means to designate one of the addresses registered for a destination to which the document image information is to be transmitted, and the document image information is transmitted to the designated address.

33. (previously presented) The method of claim 26, further comprising:

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receiving operator designation, through said dialing means, of one of the mail address, the IP address and the telephone number registered for a destination associated with said key; and

transmitting the document image information to the address designated by the operator.

34. (previously presented) The network facsimile device of claim 1, wherein said information input through said input means identifying said plurality of destination addresses and corresponding communication modes includes for each address information, a corresponding priority value indicative of user preferences, and wherein an order in which the communication modes are to be used for transmitting the designated image information to the designated destination is determined according to the priority values corresponding to the respective communication modes.

35. (new) The network facsimile device as defined in claim 1, wherein one or more of the plurality of address information registered by said address information registering means is assigned a designation, said designation indicating whether the communication mode corresponding to the designated address information is to be inhibited.